

# [METHOD AND APPARATUS FOR TUNING OVER CLOCK AND TUNING METHOD FOR SUB-STABLE STATE WITH HIGH PERFORMANCE]

## Abstract

A method and apparatus for tuning over clock is provided. At first, a first time out and a second time out are set up, wherein the first time out is greater than the second time out. Then, the system is restarted to transfer the system from an initial stable state to an over clock state. When the system is unable to stay in the over clock state within the second time out, the system is reset and the setting value of the system at the over clock state is retained. Finally, the system is restarted again with the setting value of the over clock state. When the system is unable to stay on the over clock state within the first time out, the system is restarted with the initial setting value.